

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Board on Science Education
Division of Behavioral and Social Sciences and Education

Draft Agenda

**Undergraduate Research Experiences for STEM Students:
Successes, Challenges, and Opportunities**

Friday, June 2nd, 2017

9:00 am - 3:00 pm

Room 100, Keck Building, 500 Fifth St NW, Washington DC

9:00-10:00 Welcome and Introduction to the Report

Heidi Schweingruber, Director, Board on Science Education

Jim Gentile (committee chair), Emeritus Dean of Natural and Applied Sciences,
Hope College

Overview of the Report

Heather Thiry, Research Associate, Ethnography and Evaluation Research Center,
University of Colorado-Boulder

Commentary on the Report

Gabriela Weaver, Vice Provost for Faculty Development and Director of the
Center for Teaching and Faculty Development,
University of Massachusetts, Amherst

10:00-10:30 A Case Study in Expanding Capacity for UREs

Moderator: Jim Gentile

**Institutionalizing Undergraduate Student Research, Scholarly, and Creative
Activity**

Jeffrey Osborn, Dean of the School of Science
The College of New Jersey

10:30-10:45 Break

10:45-12:00 Panel: Building Institutional Capacity for UREs

Opening Remarks by Moderator:

Deborah Carter, Associate Professor of Higher Education
Claremont Graduate University

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Five minute presentations by panelists

- Marco Molinaro, Assistant Vice Provost for Educational Effectiveness and Director, Center for Educational Effectiveness, *University of California, Davis*
- Michael Dorff, Professor of Mathematics, *Brigham Young University*
- Heather Belmont, Dean of Science *Miami Dade College*
- Sue Ebanks, Assistant Professor of Marine and Environmental Sciences, *Savannah State University*

12:00-1:00 Lunch and Informal Discussions

1:00-2:15 Presentations on Building Evidence of Student Learning in UREs

Opening Remarks by Moderator:
Mica Estrada, Associate Professor of Nursing
University of California, San Francisco

Measuring Motivational and Other Psychological Factors in URE Participants
Paul Hernandez, Assistant Professor in Educational Psychology,
West Virginia University

Assessing whether CUREs meet research and pedagogical goals
Sara Brownell, Assistant Professor, School of Life Sciences,
Arizona State University

Understanding Students' Identities as Researchers
Courtney Faber, Research Assistant Professor and Lecturer,
Engineering Honors Program, *The University of Tennessee*

2:15-2:45 Closing Reflections

Susan Singer, Vice President for Academic Affairs and Provost,
Rollins College

Jim Gentile (committee chair), Emeritus Dean of Natural and Applied Sciences,
Hope College